

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs                                      | Default Operator | Plurals | Time Stamp          |
|-------|------|---|--|------------------|---------|---------------------|
| L1    | 323  | @pd> "20090629" and 715/764.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2010/01/25<br>11:56 |
| L2    | 88   | @pd> "20090629" and 715/765.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2010/01/25<br>11:56 |
| L3    | 133  | @pd> "20090629" and 715/781.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2010/01/25<br>11:56 |
| L4    | 6    | @pd> "20090629" and 715/782.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2010/01/25<br>11:56 |
| L5    | 14   | @pd> "20090629" and 715/855.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2010/01/25<br>11:56 |
| L6    | 544  | @pd> "20090629" and<br>715/764,765,781,782,855.ccls.                                    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2010/01/25<br>11:57 |
| L7    | 34   | @pd> "20090629" and<br>340/968,969,990,995.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2010/01/25<br>11:57 |
| L8    | 0    | 340/995.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2010/01/25<br>12:06 |
| L9    | 807  | 340/995.1.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2010/01/25<br>12:07 |
| L10   | 146  | 340/995.27.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2010/01/25<br>12:07 |
| L11   | 924  | 340/995.1,995.27.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2010/01/25<br>12:07 |
| L12   | 0    | 340/995.1,995.27.ccls. and (highlight<br>shadow).clm. and "concentric circles".<br>clm. | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2010/01/25<br>12:08 |
| L13   | 1    | 340/995.1,995.27.ccls. and<br>"concentric circles".clm.                                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2010/01/25<br>12:08 |
| L14   | 3    | 340/995.1,995.27.ccls. and<br>"concentric circles"                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2010/01/25<br>12:09 |
| L15   | 2    | 340/995.1,995.27.ccls. and (highlight<br>shadow) and "concentric".clm.                  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR               | OFF     | 2010/01/25<br>12:09 |

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| L16 | 0   | 340/995.1,995.27.ccls. and (highlight shadow) and ellipses\$4.clm.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2010/01/25<br>12:09 |
| L17 | 0   | 340/995.1,995.27.ccls. and (highlight shadow) and ellipses\$4  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2010/01/25<br>12:10 |
| L18 | 0   | 340/995.1,995.27.ccls. and (highlight shadow) and ellipses   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2010/01/25<br>12:10 |
| L19 | 5   | 340/995.1,995.27.ccls. and ellipses  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2010/01/25<br>12:10 |
| S1  | 9   | ((("5732385") or ("6012014") or ("6356835") or ("6282490") or ("6908464") or ("5913918") or ("6011494") or ("5938719") or ("5212643")).PN. | USPAT                                    | OR | OFF | 2006/04/25<br>07:27 |
| S2  | 1   | ("6236912").PN.  | USPAT                                    | OR | OFF | 2006/04/25<br>07:27 |
| S3  | 211 | @pd> "20050303" and 715/764.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2006/04/25<br>08:26 |
| S4  | 97  | @pd> "20050303" and 715/765.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2006/04/25<br>08:32 |
| S5  | 89  | @pd> "20050303" and 715/781.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2006/04/25<br>08:38 |
| S6  | 28  | @pd> "20050303" and 715/782.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2006/04/25<br>08:41 |
| S7  | 56  | @pd> "20050303" and 715/855.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2006/04/25<br>08:42 |
| S8  | 130 | @pd> "20050303" and 340/988.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2006/04/25<br>08:43 |
| S9  | 20  | @pd> "20050303" and 340/989.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2006/04/25<br>08:26 |
| S10 | 54  | @pd> "20050303" and 340/990.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2006/04/25<br>09:22 |
| S11 | 0   | @pd> "20050303" and 340/995.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2006/04/25<br>08:26 |
| S12 | 105 | @pd> "20060425" and 715/764.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2006/09/07<br>10:27 |
| S13 | 23  | @pd> "20060425" and 715/765.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2006/09/07<br>10:21 |

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| S14 | 29  | @pd> "20060425" and 715/781.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2006/09/07<br>10:21 |
| S15 | 6   | @pd> "20060425" and 715/782.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2006/09/07<br>10:22 |
| S16 | 6   | @pd> "20060425" and 715/855.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2006/09/07<br>10:22 |
| S17 | 50  | @pd> "20060425" and 340/988.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2006/09/07<br>10:22 |
| S18 | 8   | @pd> "20060425" and 340/989.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2006/09/07<br>10:22 |
| S19 | 19  | @pd> "20060425" and 340/990.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2006/09/07<br>10:22 |
| S20 | 0   | @pd> "20060425" and 340/995.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2006/09/07<br>10:22 |
| S21 | 224 | @pd> "20060425" and<br>(715/764,765,781,782,855.ccls.<br>340/988,989,990,995.ccls.) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2006/09/07<br>10:28 |
| S22 | 158 | @pd> "20060907" and 715/764.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/03/16<br>10:24 |
| S23 | 38  | @pd> "20060907" and 715/765.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/03/16<br>10:24 |
| S24 | 54  | @pd> "20060907" and 715/781.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/03/16<br>10:24 |
| S25 | 5   | @pd> "20060907" and 715/782.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/03/16<br>10:24 |
| S26 | 1   | @pd> "20060907" and 715/755.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/03/16<br>10:25 |
| S27 | 54  | @pd> "20060907" and 340/988.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/03/16<br>10:25 |
| S28 | 10  | @pd> "20060907" and 340/989.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/03/16<br>10:25 |
| S29 | 17  | @pd> "20060907" and 340/990.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/03/16<br>10:25 |
| S30 | 0   | @pd> "20060907" and 340/995.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/03/16<br>10:25 |
| S31 | 321 | @pd> "20060907" and<br>(715/764,765,781,782,855.ccls.<br>340/988,989,990,995.ccls.) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/03/16<br>10:26 |

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| S32 | 17076 | map and circle and color                                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2007/10/17<br>06:05 |
| S33 | 55    | map same (circle arc) same color<br>same distance        | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2007/10/17<br>06:43 |
| S34 | 3     | geographic same (circle arc) same<br>color same distance | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2007/10/17<br>06:43 |
| S35 | 299   | map same (circle arc) same color and<br>distance         | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2007/10/17<br>15:28 |
| S36 | 35    | map same (circle arc) same color<br>same radius          | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2007/10/17<br>15:31 |
| S37 | 112   | map same (circle arc) same different<br>with color       | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2007/10/18<br>06:13 |
| S38 | 500   | map same (circle arc) same color                         | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2007/10/18<br>06:14 |
| S39 | 154   | map same (circle arc) same color<br>same area            | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2007/10/18<br>06:38 |
| S40 | 31    | "5212643"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2007/10/18<br>12:10 |
| S41 | 47    | @pd> "20070316" and 715/864.ccls.                        | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2007/10/18<br>12:12 |
| S42 | 5     | @pd> "20070316" and 715/865.ccls.                        | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2007/10/18<br>12:12 |
| S43 | 55    | @pd> "20070316" and 715/781.ccls.                        | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2007/10/18<br>12:11 |
| S44 | 10    | @pd> "20070316" and 715/782.ccls.                        | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2007/10/18<br>12:11 |
| S45 | 8     | @pd> "20070316" and 715/855.ccls.                        | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2007/10/18<br>12:11 |
| S46 | 77    | @pd> "20070316" and 340/988.ccls.                        | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2007/10/18<br>12:11 |
| S47 | 13    | @pd> "20070316" and 340/989.ccls.                        | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2007/10/18<br>12:11 |
| S48 | 24    | @pd> "20070316" and 340/990.ccls.                        | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2007/10/18<br>12:11 |
| S49 | 0     | @pd> "20070316" and 340/995.ccls.                        | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2007/10/18<br>12:11 |

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| S50 | 102 | @pd> "20070316" and 340/988,989,990,995.ccls.     | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2007/10/18<br>12:18 |
| S51 | 290 | @pd> "20070316" and 715/764,765,781,782,855.ccls. | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2007/10/18<br>12:12 |
| S52 | 199 | @pd> "20070316" and 715/764.ccls.                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2007/10/18<br>12:12 |
| S53 | 40  | @pd> "20070316" and 715/765.ccls.                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2007/10/18<br>12:12 |
| S54 | 133 | @pd> "20071018" and 715/764.ccls.                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>06:08 |
| S55 | 32  | @pd> "20071018" and 715/765.ccls.                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>06:08 |
| S56 | 46  | @pd> "20071018" and 715/781.ccls.                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>06:08 |
| S57 | 5   | @pd> "20071018" and 715/782.ccls.                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>06:08 |
| S58 | 7   | @pd> "20071018" and 715/855.ccls.                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>06:08 |
| S59 | 0   | @pd> "20071018" and 715/988.ccls.                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>06:08 |
| S60 | 0   | @pd> "20071018" and 715/989.ccls.                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>06:08 |
| S61 | 0   | @pd> "20071018" and 715/990.ccls.                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>06:08 |
| S62 | 0   | @pd> "20071018" and 715/995.ccls.                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>06:08 |
| S63 | 41  | @pd> "20071018" and 340/988.ccls.                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>06:09 |
| S64 | 12  | @pd> "20071018" and 340/989.ccls.                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>06:09 |
| S65 | 9   | @pd> "20071018" and 340/990.ccls.                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>06:09 |
| S66 | 0   | @pd> "20071018" and 340/995.ccls.                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>06:09 |
| S67 | 61  | @pd> "20071018" and 340/988,989,990,995.ccls.     | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>06:10 |

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| S68 | 201 | @pd> "20071018" and 715/764,765,781,782,855.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/03/26<br>06:10 |
| S69 | 162 | @pd> "20080805" and 715/764.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/06<br>09:21 |
| S70 | 54  | @pd> "20080805" and 715/765.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/06<br>09:21 |
| S71 | 71  | @pd> "20080805" and 715/781.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/06<br>09:21 |
| S72 | 11  | @pd> "20080805" and 715/782.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/06<br>09:21 |
| S73 | 12  | @pd> "20080805" and 715/855.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/06<br>09:21 |
| S74 | 36  | @pd> "20080805" and 340/988.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/06<br>09:21 |
| S75 | 10  | @pd> "20080805" and 340/989.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/06<br>09:21 |
| S76 | 9   | @pd> "20080805" and 340/990.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/06<br>09:22 |
| S77 | 0   | @pd> "20080805" and 340/995.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/06<br>09:22 |
| S78 | 51  | @pd> "20080805" and 340/988,989,990,995.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/06<br>09:22 |
| S79 | 287 | @pd> "20080805" and 715/764,765,781,782,855.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/01/06<br>09:22 |
| S80 | 375 | @pd> "20090106" and 715/764,765,781,782.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/29<br>06:46 |
| S81 | 24  | @pd> "20090106" and 340/968,969,990,995.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/06/29<br>06:46 |
| S82 | 13  | (US-5732385-\$ or US-5913918-\$ or US-5938719-\$ or US-6011494-\$ or US-6236912-\$ or US-5212643-\$ or US-6012014-\$ or US-6282490-\$ or US-6356835-\$ or US-6908464-\$ or US-5563608-\$ or US-4783071-\$ or US-5945927-\$).did. | USPAT                                    | OR | OFF | 2010/01/25<br>08:29 |
| S83 | 5   | S82 and off  | USPAT                                    | OR | OFF | 2010/01/25<br>08:30 |

1/ 25/ 10 12:13:29 PM

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